

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. of Health & Human Services
Division of Environmental Health, 11 SHS
(207) 287-5672 FAX (207) 287-4172

PROPERTY LOCATION		>> CAUTION: LPI APPROVAL REQUIRED <<	
City, Town, or Plantation	LAMOINE	Town/City <u>LAMOINE</u>	Permit # <u>1737</u>
Street or Road	SHORE ROAD	Date Permit Issued <u>7.9.14</u>	Fee \$ <u>250</u> Double Fee Charged ()
Subdivision, Lot #			L.P.I. # <u>1040</u>
OWNER/APPLICANT INFORMATION			
Name (last, first, MI)	PERKINS, GARY	<input type="checkbox"/> Owner <input checked="" type="checkbox"/> Applicant	<input type="checkbox"/> Owner <input checked="" type="checkbox"/> Town <input type="checkbox"/> State
Mailing Address of	1008 SHORE ROAD	The Subsurface Wastewater Disposal System shall not be installed until a Permit is issued by the Local Plumbing Inspector. The Permit shall authorize the owner or installer to install the disposal system in accordance with the application and the Maine Subsurface Wastewater Disposal Rules.	
<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Applicant	LAMOINE, ME. 04605		
Daytime Tel. #	(207) 479-9423	Municipal Tax Map # <u>15</u>	Lot # <u>33</u>
OWNER OR APPLICANT STATEMENT		CAUTION: INSPECTION REQUIRED	
I state and acknowledge that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a permit.		I have inspected the installation authorized above and found it to be in compliance with Subsurface Wastewater Disposal Rules Application.	
Signature of Owner or Applicant		Local Plumbing Inspector Signature	
Date <u>7-9-14</u>		Date <u>7-9-14</u> (1st Date Approved) <u>7-10-14</u> (2nd Date Approved)	

PERMIT INFORMATION		
TYPE OF APPLICATION <input type="checkbox"/> 1. First Time System <input checked="" type="checkbox"/> 2. Replacement System Type Replaced: <u>UNKNOWN</u> <u>STEEL 500 GAL. TANK</u> Year Installed: <u>1964</u> <input type="checkbox"/> 3. Expanded System <input type="checkbox"/> a. < 25% Expansion <input type="checkbox"/> b. ≥ 25% Expansion <input type="checkbox"/> 4. Experimental System <input type="checkbox"/> 5. Seasonal Conversion	THIS APPLICATION REQUIRES <input checked="" type="checkbox"/> 1. No Rule Variance <input type="checkbox"/> 2. First Time System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 3. Replacement System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 4. Minimum Lot Size Variance <input type="checkbox"/> 5. Seasonal Conversion Permit	DISPOSAL SYSTEM COMPONENT(S) <input checked="" type="checkbox"/> 1. Complete Non-engineered System <input type="checkbox"/> 2. Primitive System (graywater & alt. toilet) <input type="checkbox"/> 3. Alternative Toilet, specify: _____ <input type="checkbox"/> 4. Non-engineered Treatment Tank (only) <input type="checkbox"/> 5. Holding Tank, _____ gallons <input type="checkbox"/> 6. Non-engineered Disposal Field (only) <input type="checkbox"/> 7. Separated Laundry System <input type="checkbox"/> 8. Complete Engineered System (2000 gpd or more) <input type="checkbox"/> 9. Engineered Treatment Tank (only) <input type="checkbox"/> 10. Engineered Disposal Field (only) <input type="checkbox"/> 11. Pre-treatment, specify: _____ <input type="checkbox"/> 12. Miscellaneous components
SIZE OF PROPERTY _____ sq. ft. _____ acres	DISPOSAL SYSTEM TO SERVE <input checked="" type="checkbox"/> 1. Single Family Dwelling Unit, No. of Bedrooms: <u>3</u> <input type="checkbox"/> 2. Multiple Family Dwelling, No. of Units: _____ <input type="checkbox"/> 3. Other: (SPECIFY) _____	TYPE OF WATER SUPPLY <input type="checkbox"/> 1. Drilled Well <input type="checkbox"/> 2. Dug Well <input type="checkbox"/> 3. Private <input checked="" type="checkbox"/> 4. Public <input type="checkbox"/> 5. Other: _____
SHORELAND ZONING <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Current Use: <input type="checkbox"/> Seasonal <input checked="" type="checkbox"/> Year Round <input type="checkbox"/> Undeveloped	

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)			
TREATMENT TANK <input checked="" type="checkbox"/> 1. Concrete <input type="checkbox"/> a. Regular <input type="checkbox"/> b. Low Profile <input type="checkbox"/> 2. Plastic <input type="checkbox"/> 3. Other: _____ CAPACITY <u>1000</u> gallons	DISPOSAL FIELD TYPE & SIZE <input checked="" type="checkbox"/> 1. Stone Bed <input type="checkbox"/> 2. Stone Trench <input type="checkbox"/> 3. Proprietary Device _____ <input type="checkbox"/> a. Cluster Array <input type="checkbox"/> c. Linear <input type="checkbox"/> b. Regular load <input type="checkbox"/> d. H-20 load <input type="checkbox"/> 4. Other: _____ SIZE <u>720</u> sq. ft. <input type="checkbox"/> lin. ft.	GARBAGE DISPOSAL UNIT <input checked="" type="checkbox"/> 1. No <input type="checkbox"/> 2. Yes <input type="checkbox"/> 3. Maybe If Yes or Maybe, specify one below: <input type="checkbox"/> a. Multi-compartment Tank <input type="checkbox"/> b. _____ Tanks in Series <input type="checkbox"/> c. Increase in Tank Capacity <input type="checkbox"/> d. Filter on Tank Outlet	DESIGN FLOW <u>270</u> gallons per day BASED ON <input checked="" type="checkbox"/> 1. Table 4A (dwelling unit(s)) <input type="checkbox"/> 2. Table 4C (other facilities) SHOW CALCULATIONS for other facilities <input type="checkbox"/> 3. Section 4G (meter readings) ATTACH WATER METER DATA LATITUDE AND LONGITUDE at Center of Disposal Area Lat. <u>44</u> d <u>28</u> m <u>40</u> s N Lon. <u>68</u> d <u>20</u> m <u>40</u> s W If g.p.s., state margin of error <u>30</u> ft.
SOIL DATA & DESIGN CLASS PROFILE <u>5 / C</u> CONDITION _____ at Observation Hole # <u>1</u> Depth <u>36</u> " OF MOST LIMITING SOIL FACTOR	DISPOSAL FIELD SIZING <input checked="" type="checkbox"/> 1. Medium - 2.6 sq. ft./gpd <input type="checkbox"/> 2. Medium-Large - 3.3 sq. ft./gpd <input type="checkbox"/> 3. Large - 4.1 sq. ft./gpd <input type="checkbox"/> 4. Extra Large - 5.0 sq. ft./gpd	* EFFLUENT/EJECTOR PUMP * <input checked="" type="checkbox"/> 1. Not Required, RAISE PIPE <input type="checkbox"/> 2. May be Required FROM HOUSE <input type="checkbox"/> 3. Required Specify only for engineered systems DOSE: _____ gallons	

SITE EVALUATOR STATEMENT			
I certify that on <u>5-13-14</u> (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).			
 Site Evaluator Signature WILLIAM A. LaBELLE, JR.	319 SE# (207) 537-5900	<u>5-18-14</u> Date labelleptic@rivah.net	
Site Evaluator Name Printed	Telephone Number	E-mail Address	Page 1 of 3 HHE-200 Rev. 08/2011

Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.

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Town, City, Plantation
LAMOINE

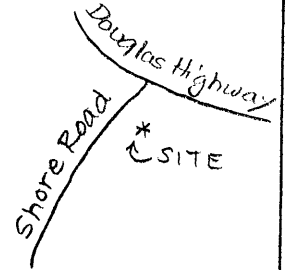
Street, Road, Subdivision
SHORE ROAD

Owner or Applicant Name
GARY PERKINS

SITE PLAN

Scale 1" = **40** Ft.

SITE LOCATION PLAN
(Attach map from Maine Atlas
for First Time System Variance)



(SEE ATTACHED SITE PLAN)

SOIL PROFILE DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above or on pg. 2A)

Observation Hole **#1** ☒ Test Pit ☐ Boring
 $\frac{1}{2}$ " Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
10 SANDY LOAM TO LOAMY SAND	FRIABLE	DARK BROWN (10YR 3/3) STRONG BROWN (7.5YR 4/6)	
20 COARSE TO MEDIUM SAND	FRIABLE TO LOOSE	DARK YELLOWISH BROWN (10YR 3/6)	N.E.
30	FIRM IN PLACE		
40			
50			

Soil Profile 5	Classification C	Slope 3%	Limiting Factor 36" Depth	<input type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock <input checked="" type="checkbox"/> Pit Depth
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Observation Hole **#2** ☒ Test Pit ☐ Boring
 $\frac{1}{2}$ " Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
10 SANDY LOAM TO LOAMY SAND	FRIABLE	DARK BROWN (10YR 3/3) STRONG BROWN (7.5YR 4/6)	
20 COARSE TO MEDIUM SAND	FIRM IN PLACE	DARK YELLOWISH BROWN (10YR 3/6)	N.E.
30			
40			
50			

Soil Profile 5	Classification C	Slope 3%	Limiting Factor 36" Depth	<input type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock <input checked="" type="checkbox"/> Pit Depth
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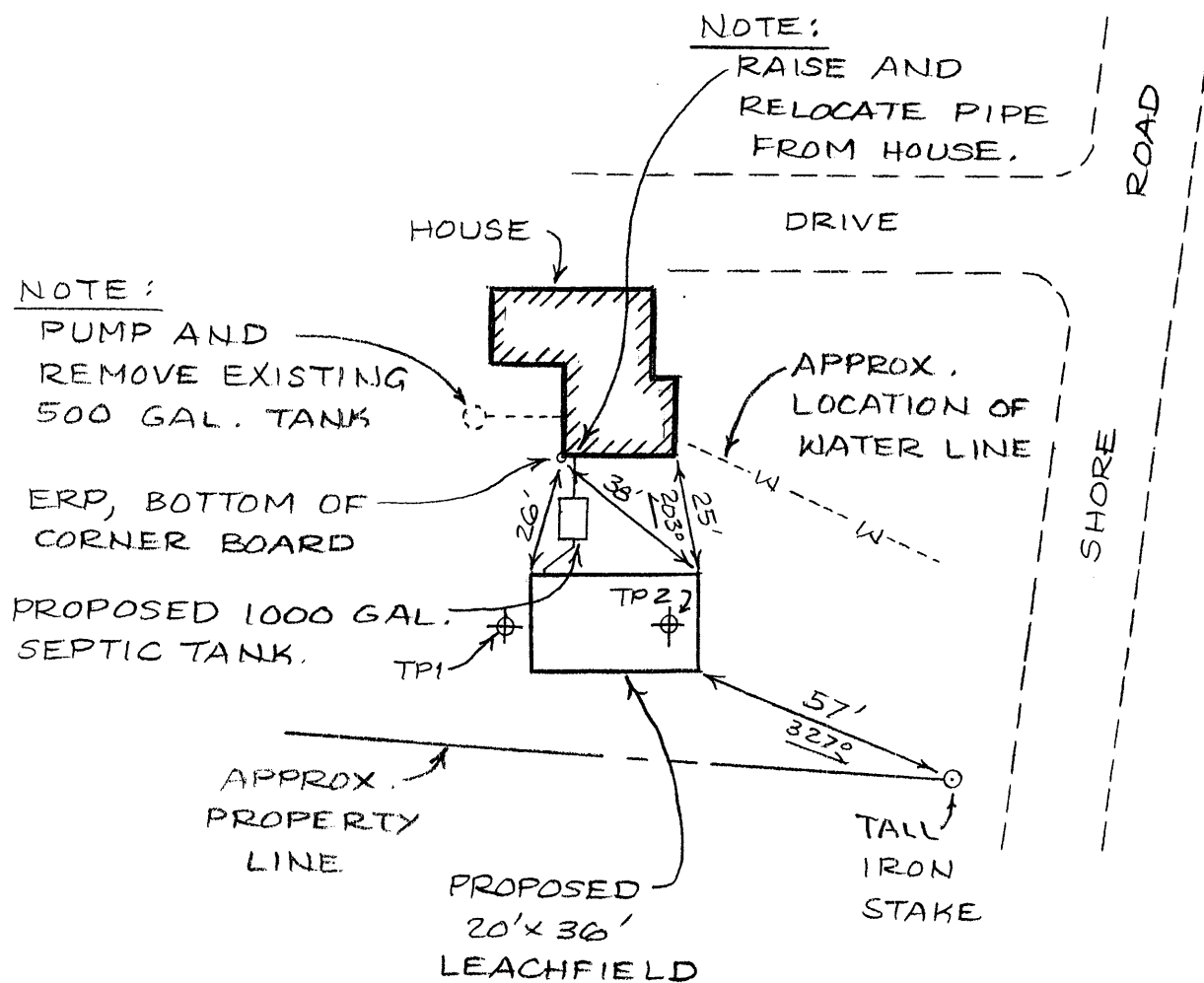
W. A. L. B.
Site Evaluator's Signature

319
S.E. #

5-18-14
Date

Town, City, Plantation LAMOINE	Street, Road, Subdivision SHORE ROAD	Owner or Applicant Name GARY PERKINS
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SITE PLAN:
SCALE: 1" = 40 FT.



W. G. L.
Site Evaluator's Signature

319
S.E. #

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Town, City, Plantation

LA MOINE

Street, Road, Subdivision

SHORE ROAD

Owner or Applicant Name

GARY PERKINS

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE: 1" = 20 FT.

NOTE:

RAISE AND
RELOCATE
PIPE FROM
HOUSE.

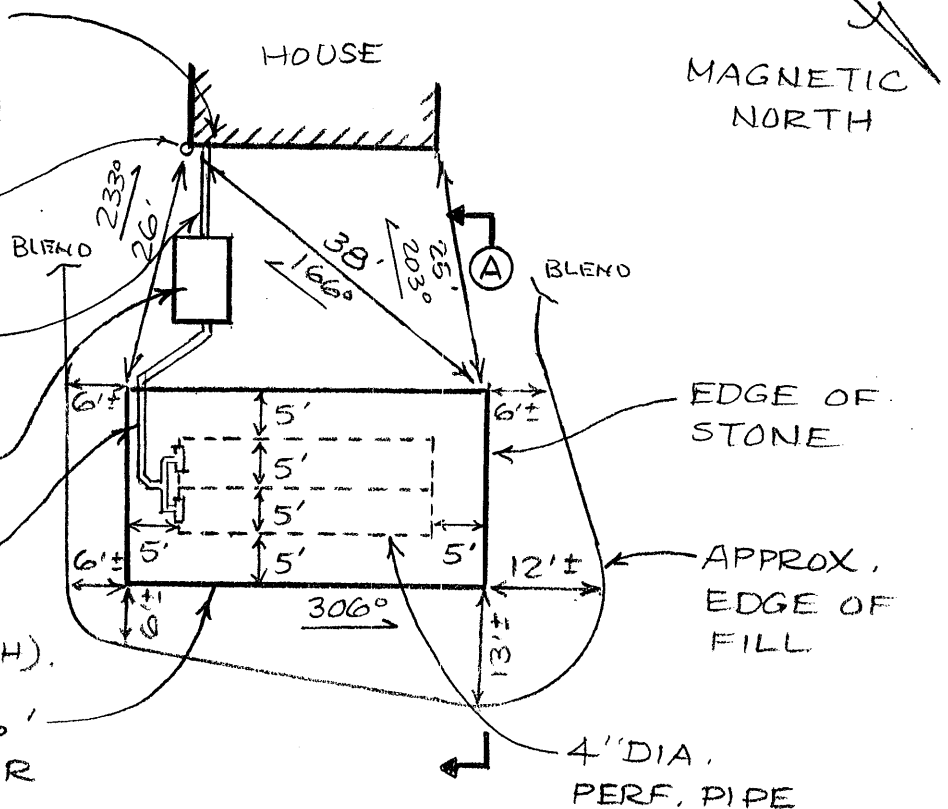
EPP, BOTTOM OF
CORNER BOARD

APPROX. BUILDING
SEWER

PROPOSED 1000 GAL.
SEPTIC TANK

4" EFFLUENT LINE
(SOLID SCH. 40 AT
1/8" PER FT. MIN. PITCH).

PROPOSED 20'x 36'
LEACHFIELD. FOUR
CORNERS ARE
STAKED OUT.



NOTE:

SEE NOTES PAGE 2A.

FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		SYSTEM:	PRIVY:	ELEVATION REFERENCE POINT	
Depth of Backfill (Upslope)	10"	Finished Grade Elevation	(CROWN)	-18"		Location & Description	BOTTOM
Depth of Backfill (Downslope)	10"-24"	Top of Distribution Pipe or Proprietary Device		-33"	N/A	OF CORNER BOARD.	
Depths @ cross-section shown below or on X-sec. detail.		Bottom of Disposal Field		-44"		Reference Elevation is:	0"

DISPOSAL AREA CROSS SECTION (SEE ATTACHED CROSS SECTION)

NOTES:

1. Tank(s) must be 8' minimum from building.
2. Grade surrounding area to divert surface water away from system.
3. All work done adjacent to wetlands and water bodies must be done in compliance with section 11-M of the Subsurface Wastewater Disposal Rules. Erosion and sediment control measures must be in accordance with the March 2003 edition of the Maine DEP Handbook "Maine Erosion and Sediment Control BMPs" (DEPW0588).
4. Install septic tank(s) risers 18" in diameter "minimum" to within 6" of finished grade on inlet, cleanout and outlet covers (recommend extending risers to finish grade).

W. A. L. H.
Site Evaluator's Signature

319
S.E. #

5-18-14
Date

DISPOSAL BED CROSS SECTION

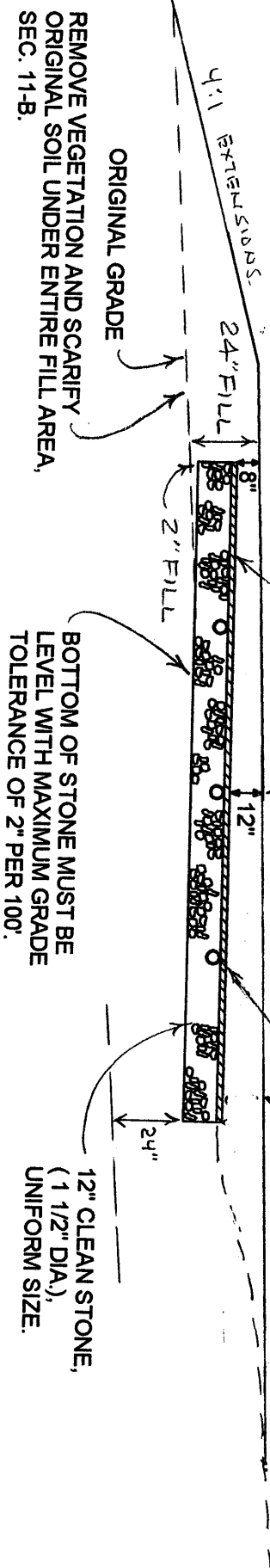
3 FT. WIDE BERM
20 FT.
SCALE: 1" = 5'
3 FT. WIDE BERM

NOTE: GRADE UPSLOPE TO DIVERT SURFACE WATER AWAY FROM SYSTEM.

FILL MATERIAL SHALL BE 8"-12" THICK OVER STONE AND SHALL BE GRAVELLY COARSE SAND TO THE STANDARDS IN SEC. 11-E IN THE SUBSURFACE RULES.

CROWN FINISH GRADE FROM CENTER AT 3% SLOPE
2" COMPRESSED HAY (OR FILTER FABRIC) SEC. 11-F PLACED OVER STONE.

TOP 4" OF FILL TO BE A GOOD LOAM SOIL MIX TO ESTABLISH A GOOD VEGETATIVE COVER; SEED AND MULCH TO PREVENT EROSION, SEC. 11-G.



THOROUGHLY MIX, DISK OR ROTO-TILL CLEAN, COARSE, SHARP SAND INTO TOP 4 INCHES OF ORIGINAL SOIL TO CREATE A TRANSITION ZONE, SEC. 11-B.

ELEVATIONS:
ELEV. REF. PT. (ERP): 0"
FINISHED GRADE: -18" (CROWN)
TOP OF DISTRIBUTION PIPE: -33"
BOTTOM OF STONE: -44"

NOTE:
SYSTEM MUST BE INSTALLED ACCORDING TO THE RULES AND PRACTICES SET FORTH IN THE MOST CURRENT VERSION OF THE STATE OF MAINE SUBSURFACE WASTEWATER DISPOSAL RULES. INSTALLATION CONTRATOR MUST BE FAMILIAR WITH SAID RULES AND CONSTRUCT SYSTEM IN FULL COMPLIANCE WITH SECTION 11 OF SAID RULES.

OWNER: GARY PERKINS
LOCATION: LAMOINE

WILLIAM A. LABELLE, JR.

319
S.E.#
5-18-14
DATE